Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 19:43
L2	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 18:16
L3	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater or larger or smaller))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 18:16
L4	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater or larger or smaller))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 18:16
L5	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) with (longer or different or shorter or less or greater or larger or smaller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 18:17
L6	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) with (longer or different or shorter or less or greater or larger or smaller or increase or increased or increasing or increases or decreased or decreases or decreasing or decrease))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 18:18
L7	20	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) with (length or distance or separation or gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 18:22

L8	66	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) adj (length or lengths)) with (length or distance or separation or gap) near2 (different))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 18:27
L9	83	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) adj (length or lengths)) with (length or distance or separation or gap) near2 (longer or exceeds or exceeding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 18:29
L10	131	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) adj (length or lengths)) near2 (actual or effective))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 18:55
L11	44	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) with ((predetermined or calculated) near2 (distance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:30
L12	6	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) with ((displacement or displaced or displaces or displacing) near4 (focal or focus))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:32
L13	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) with ((displacement or displaced or displaces or displacing) near4 ((estimated or calculated) adj (distance or position)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:32

L14	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) near4 ((estimated or calculated) adj (distance or position)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:33
L15	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) near4 ((estimated or calculated or predetermined) adj (focal or focus)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:33
L16	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) with ((estimated or calculated or predetermined) adj (focal or focus)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:33
L17	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:34
L18	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance or location)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:33
L19	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing or displace) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:34

L20	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing or displace) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance or location)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:35
L21	43	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((displacement or displaced or displaces or displacing or displace) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance or location)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:38
L23	66	(parabolic) with ((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:39
L24	0	21 and 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 19:38
L25	1	("20030026540").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/10 19:39
L26	0	25 and parabolic	US-PGPUB; USPAT	OR	OFF	2005/03/10 19:39
L27	0	25 and profile	US-PGPUB; USPAT	OR	OFF	2005/03/10 19:41
L28	3	23 and tan	US-PGPUB; USPAT	OR	OFF	2005/03/10 19:41
L29	17	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) with (tan))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 20:25

L30	230	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and (optical adj circulator)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 20:26
S1	10626	((385/31) or (385/33-35) or (385/47) or (385/16) or (385/18) or (385/24) or (385/60) or (385/61) or (385/72-74) or (385/77-79) or (385/89) or (385/93) or (385/119)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:49
S2	1220	S1 and ((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:50
S3	1066	S2 and (distance or length or separation)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:50
S4	1045	S3 and ((optical or optic) near2 (fiber or fibers or fibre or fibres))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 19:28
S5	525	S4 and (mirror or dichroic)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:51
S6	357	S4 and ((lens or lenses) near2 (length or thickness))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:52
S7	1	("2004/0114862").URPN.	USPAT	OR	OFF	2005/03/09 18:54
S8	16	("20040114862" | "5400133" | "5466815" | "5500911" | "5659645" | "5732172" | "5774607" | "5841591" | "5937123" | "6056437" | "6168318" | "6179483" | "6215853" | "6400867" | "6404954" | "6512868").PN. OR ("6836370").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:54
S9	0	("2002/0181824").URPN.	USPAT	OR	OFF	2005/03/09 19:02
S10	4	("6404951" | "6442310" | "6483961" | "6487334").PN. OR ("6625352"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 19:06
S11	17	("5446815" | "5682452" | "5692081" | "5737104" | "5857048" | "5917626" | "6023542" | "6084994" | "6122110" | "6148126" | "6168319" | "6185347" | "6192175" | "6229934" | "6246812" | "6249625").PN. OR ("6567586"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 19:07

S12	23	("4239332" | "4290667" | "4378144" | "4420219" | "4611885" | "4641915" | "4818052" | "4896935" | "4961622" | "5359683" | "5420946" | "5479541").PN. OR ("5611009").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 19:17
S13	347	S5 not S6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 19:17
S14	1	("5845023").PN. OR ("6157485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 19:24
S15	18	("4946239" | "5117473" | "5177803" | "5371816" | "5546180" | "5719973").PN. OR ("5850493").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 19:25
S16	20	S2 and (((separation or separated or separating or separates or separate) near2 (distance or length or amount)) with ((fiber or fibers or fibre or fibres) and (lens or lenses)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 19:30
S17	338	(385/34).CCLS.	USPAT	OR	OFF	2005/03/09 19:30
S18	91	(385/34).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/03/09 19:30
S19	10	("6115401" | "6185347" | "6282339" | "6295308" | "6347170" | "6421481" | "6454465" | "6532325" | "6535668" | "6542534").PN. OR ("6741771").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 19:32
S20	6	("5742712" | "5838847" | "6160929" | "6477289" | "6587614" | "6606446").PN. OR ("6697549").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 19:33
S21	1	("2002/0181865").URPN.	USPAT	OR	OFF	2005/03/09 19:44
S22	10	("20020094162" | "20020106153" | "20020181865" | "20030021531" | "5917626" | "5980117" | "6084994" | "6185347" | "6198858" | "6567586").PN. OR ("6839485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 19:45

S23	63	(US-20040240786-$ or US-20040208442-$ or US-20040179789-$ or US-20040114862-$ or US-20040062478-$ or US-20030152327-$ or US-20030026540-$ or US-20030021531-$ or US-20020186915-$ or US-20020181864-$ or US-20020181824-$ or US-20020094163-$ or US-20040101235-$ or US-20040086219-$ or US-20040008967-$ or US-20040252941-$ or US-20030072527-$ or US-20030063853-$ or US-20030059162-$ or US-20020181865-$ or US-20020106153-$).did. or (US-6836370-$ or US-6512868-$ or US-6404954-$ or US-6400867-$ or US-5500911-$ or US-6813400-$ or US-6795612-$ or US-6744566-$ or US-6631220-$ or US-6625352-$ or US-6621946-$ or US-6606446-$ or US-6567586-$ or US-6249625-$ or US-6168319-$ or US-6084994-$ or US-6546169-$ or US-6411749-$ or US-5845023-$ or US-5680492-$ or US-5611009-$ or US-5588081-$ or US-5588078-$ or US-5087109-$ or US-6477289-$ or US-6454465-$).did. or (US-6389188-$ or US-6292604-$ or US-6229934-$ or US-6157485-$ or US-5930422-$ or US-5850493-$ or US-6438290-$ or US-6741771-$ or US-6532325-$ or US-6701040-$ or US-6480650-$ or US-6469835-$ or US-6353692-$ or US-6192175-$ or US-6839485-$ or US-5917626-$).did.	US-PGPUB; USPAT	OR	OFF	2005/03/10 10:19
S24	33	S23 and ((length) near2 (lens or GRIN or lenses))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 10:32
S25	894	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((length near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((focal or focus) near2 (point or points or length or lengths)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:07
S26	22	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((length near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((focal or focus) near2 (point or points or length or lengths)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 10:35
S27	588	S25 and ((optical or optic) near2 (fiber or fibers or fibre or fibres))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 10:40
S28	7	("5832153" | "6130984" | "6137941" | "6144794" | "6266474" | "6304709" | "6340248").PN. OR ("6584271").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 13:10

S29	300	S25 and pitch	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 13:10
S30	80	(US-20040240786-$ or US-20040208442-$ or US-20040179789-$ or US-20040114862-$ or US-20040062478-$ or US-20030152327-$ or US-20030026540-$ or US-20030021531-$ or US-20020186915-$ or US-20020181864-$ or US-20020181824-$ or US-20020094163-$ or US-20040101235-$ or US-20040086219-$ or US-20040008967-$ or US-20040252941-$ or US-20030072527-$ or US-20030063853-$ or US-20030059162-$ or US-20020181865-$ or US-20020106153-$ or US-20050036738-$ or US-20050007675-$ or US-20040234204-$ or US-20040017969-$ or US-20030091318-$).did. or (US-20030076598-$).did. or (US-6836370-$ or US-6512868-$ or US-6404954-$ or US-6400867-$ or US-5500911-$ or US-6813400-$ or US-6795612-$ or US-6744566-$ or US-6631220-$ or US-6625352-$ or US-6621946-$ or US-6606446-$ or US-6567586-$ or US-6249625-$ or US-6168319-$ or US-6084994-$ or US-6546169-$ or US-6411749-$ or US-5845023-$ or US-5680492-$ or US-5611009-$ or US-5588081-$ or US-5588078-$ or US-5087109-$ or US-6477289-$ or US-6454465-$).did. or (US-6389188-$ or US-6292604-$ or US-6229934-$ or US-6157485-$ or US-5930422-$ or US-5850493-$ or US-6438290-$ or US-6741771-$ or US-6532325-$ or US-6701040-$ or US-6480650-$ or US-6469835-$ or US-6353692-$ or US-6192175-$ or US-6839485-$ or US-5917626-$ or US-6785441-$ or US-6584271-$ or US-6535668-$ or US-5963684-$ or US-5943454-$ or US-5479541-$ or US-5457759-$ or US-5359683-$ or US-5046798-$).did. or (EP-942299-$).did. or (US-20030091318-$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/03/10 13:11
S31	34	S30 and pitch	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 13:47
S32	6	S30 and (perpendicular near2 (end or ends or endface or end-face))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:02
S33	1	("20030076598").PN.	US-PGPUB	OR	OFF	2005/03/10 14:02
S34	1	S33 and (focus or focal)	US-PGPUB	OR	OFF	2005/03/10 14:07
S35	0	S25 and (pitch near2 ("0.4"))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:07

S36	1	S25 and (P near2 ("0.4"))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:08
S37	38	S25 and ((pitch or p) near2 (range or ranges or is or mm))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:10
S38	655	S25 and ("0.4" mm)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:11
S39	18	S25 and ("0.4" adj mm)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:11
S40	1	10/685,088	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:12
S41	1	S40 and (predetermined adj distance)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:21
S42	15	S30 and (calculated)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:24
S43	6	S25 and (((focal or focus) with calculated) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:25
S44	6	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:27
S45	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 14:26
S46	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated or gap) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 14:26

S47	6	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated or gap) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:26
S48	5	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with predetermined) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:29
S49	1	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with predetermined) same ((length or distance or separation or separated) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 14:27
S50	438	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:30
S51	4	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) same ((length or distance or separation or separated) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 14:29
S52	12	S30 and ((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:39
S53	386	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) near2 (length or distance)) with (longer or different or shorter or less or greater))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 14:47
S54	7	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) near2 (length or distance)) with (longer or different or shorter or less or greater))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 14:41
S55	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((((calculated or predetermined) adj (focal or focus)) near2 (length or distance)) with (longer or different or shorter or less or greater))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 18:16